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PTO/SB/08b (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT 00 000000 000 000000 000000000000		Application Number	10/661,842		
		Filing Date	2003 September 12		
		First Named Inventor	Sheehan, E.W.		
		Art Unit	2881		
		Examiner Name			
Sheet	2	of	3	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		POTJEWYD, J., "Focusing of ions in atmospheric pressure gases using electrostatic fields," Ph.D. Thesis, University of Toronto (1983).	
		MAHONEY, J.F., ET AL., "A theoretical and experimental basis for producing very high mass biomolecular ions by electrohydrodynamic emission," 22th IEEE Industry Applications Society Annual Meeting, Atlanta, GA, October 18-23, 1987.	
		OLIVARES, J.A., ET AL., "On-line mass spectrometric detection for capillary zone electrophoresis," Anal. Chem. 59, pages 1230-1232 (1987).	
		LEE, T.D., ET AL., "An EHD source for the mass spectral analysis of peptides," Proceedings of the 36th ASMS Conference on Mass Spectrometry and Allied Topics, San Francisco, CA, June 5-10, 1988.	
		SMITH, R.D., ET AL., "Capillary zone electrophoresis-mass spectrometry using an electrospray ionization interface," Anal. Chem. 60, pages 436-441 (1988).	
		LEE, T.D., ET AL., "Electrohydrodynamic emission mass spectra of peptides," Proceedings of the 37th ASMS Conference on mass Spectrometry and Allied Topics, Miami Beach, FL, May 21-26, 1989.	
		MAHONEY, J.F., ET AL., "Electrohydrodynamic ion source design for mass spectrometry: ionization, ion optics and desolvation," Proceedings of the 38th ASMS Conference on Mass Spectrometry and Allied Topics, Tucson, AR, June 3-8, 1990.	
		BRUINS, A.P., "Mass Spectrometry with ion sources operating at atmospheric pressure," Mass Spectrom. Rev. 10, pages 53-77 (1991).	
		FENG, X., ET AL., "Single isolated droplets with net charge as a source of ions," J. Am. Soc. Mass Spectrom. 11, pages 393-399 (2000).	
		SCHNEIDER, B.B., ET AL., "An atmospheric pressure ion lens to improve electrospray ionization at low solution flow-rates," Rapid Commun. Mass Spectrom 15, pages 2168-2175 (2001).	

Examiner Signature		Date Considered	03/12/04
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NON PATENT LITERATURE DOCUMENTS			
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		ALOUSH, A., ET AL., "Improved transport of atmospheric pressure ions into a mass spectrometer," The Proceedings of the 50th ASMS Conference on Mass Spectrometry and Allied Topics, Orlando, Florida, June 2-6, 2002	
		KLESPEER, H., ET AL., "Intensity increase in ESI MS by means of focusing the spray cloud onto the MS Orifice," The Proceedings of the 50th ASMS Conference on Mass Spectrometry and Allied Topics, Orlando, Florida, June 2-6, 2002	
		SCHNEIDER, B.B., ET AL., "An atmospheric pressure ion lens that improves nebulizer assisted electrospray ion sources", J. Am. Soc. Mass Spectrom. 13, pages 906-913 (2002).	

Examiner Signature		Date Considered	03/17/04
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete If Known

Application Number	10/661,842
Filing Date	2003 September 12
First Named Inventor	Sheehan, E.W.
Art Unit	2881
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,300,004	11/10/1981	Iribane et al.	
		US- 4,318,028	3/2/1982	Perel et al.	
		US- 4,531,056	7/23/1985	Labowsky et al.	
		US- 4,542,293	9/17/1985	Fenn et al.	
		US- 5,306,910	4/26/1994	Jarrell et al.	
		US- 5,412,208	5/2/1995	Covey et al.	
		US- 5,559,326	9/24/1996	Goodley et al.	
		US- 5,747,799	5/5/1998	Franzen	
		US- 5,750,988	5/12/1998	Apffel et al.	
		US- 5,838,002	11/17/1998	Sheehan	
		US- 6,278,111 B1	8/21/2001	Sheehan et al.	
		US- 6,455,846 B1	9/24/2002	Prior et al.	
		US- 2003/0,038,236	2/27/2003	Russ et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 98/07,505	2/26/1998	Sheehan		
		WO 03/010,794 A2	2/6/2003	Forssmann et al.		

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